

FIG. 1

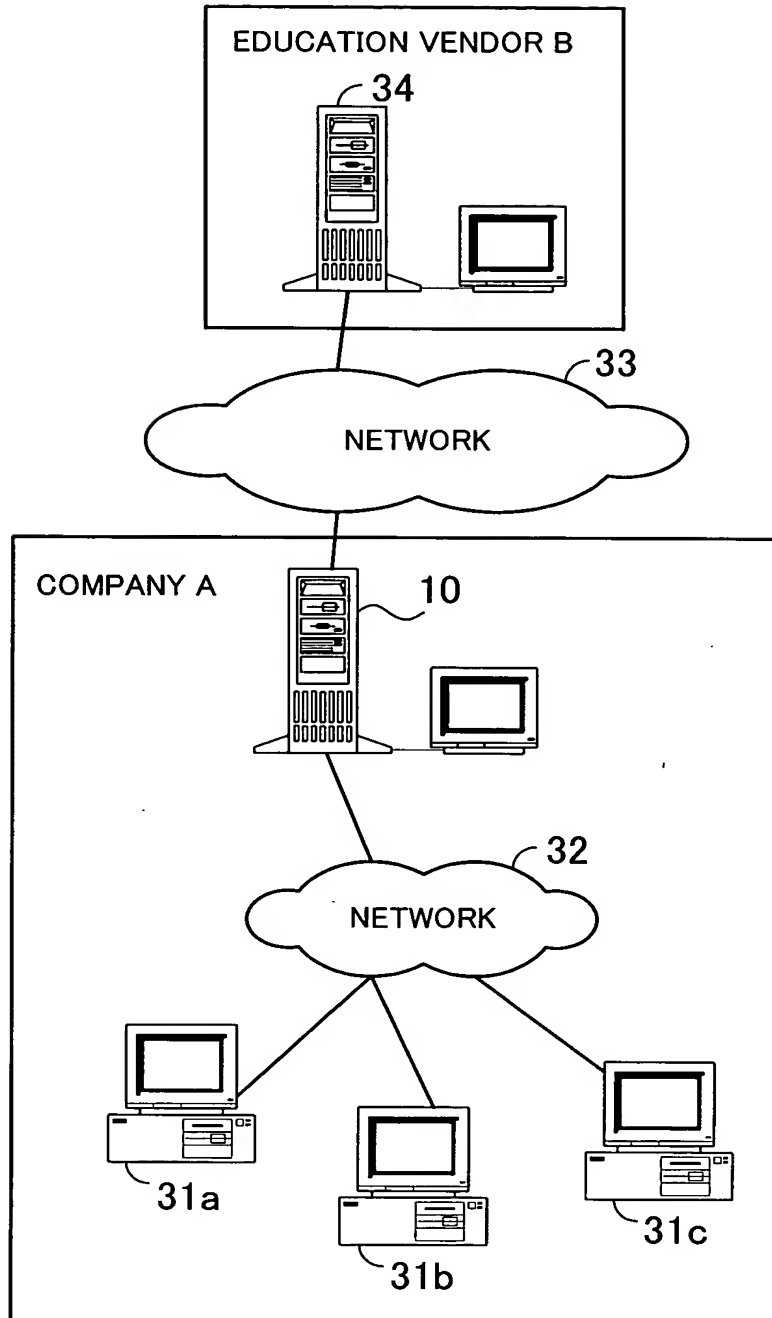


FIG. 2

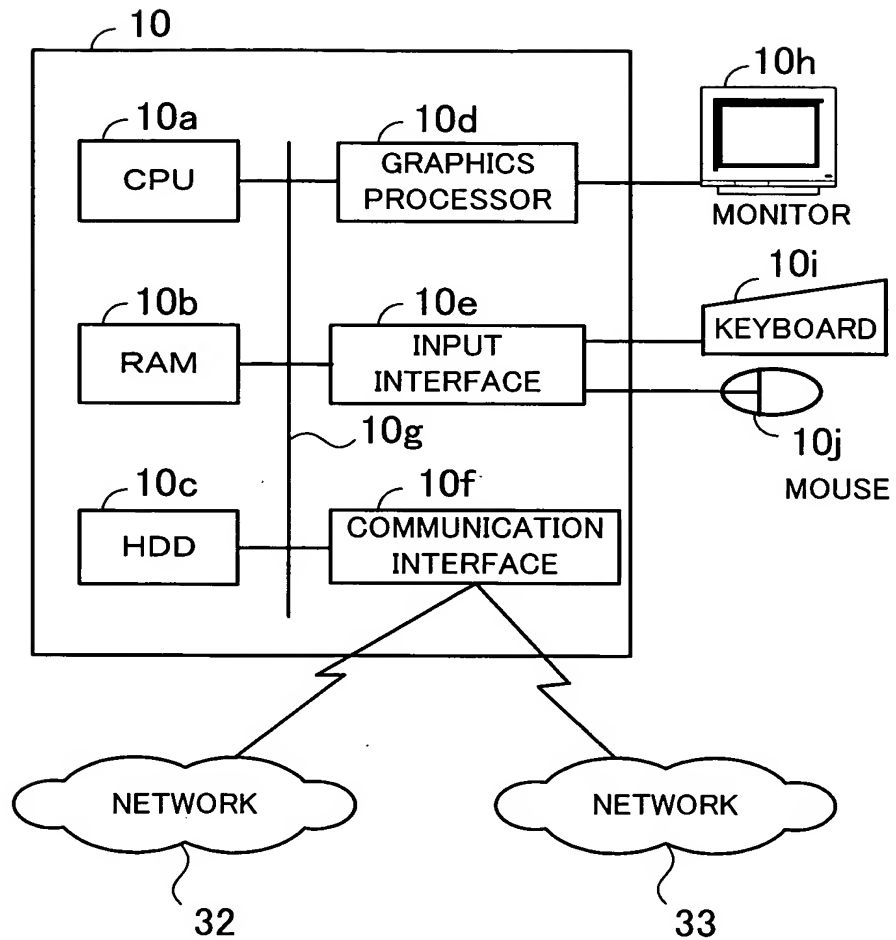


FIG. 3

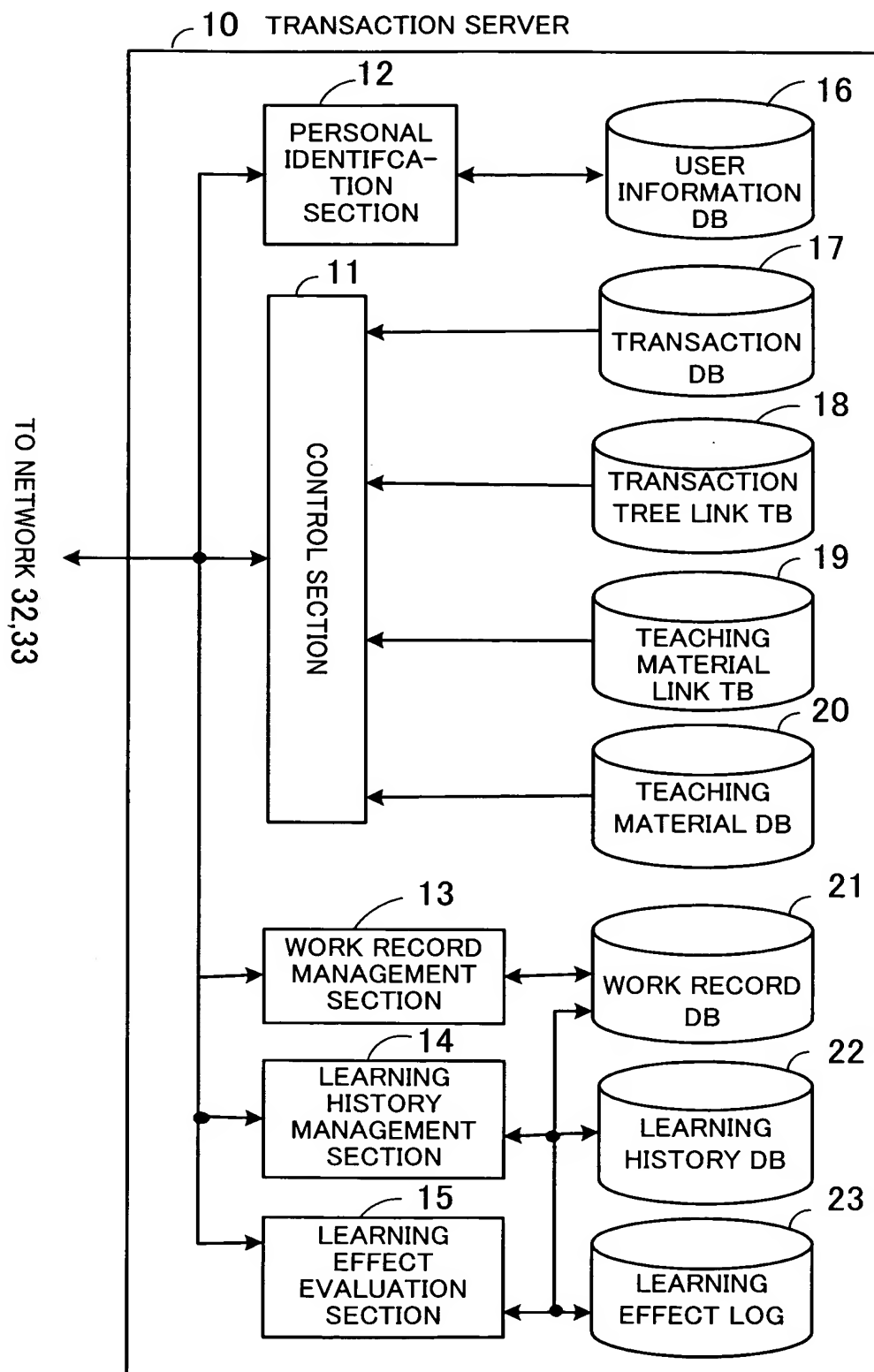


FIG. 4

16 USER INFORMATION DB

USER CODE	ASSIGNED GROUP CODE	ASSIGNED GROUP NAME	EMPLOYEE NUMBER	NAME	MAIL ADDRESS
00111111	0011	4TH BUSINESS OFFICE	111111	Ichiro TOKKYO	ichi@jp. xxx. com
01111234	0111	3RD TRAINING DEPARTMENT	123456	Tarou GAKUSHU	tarou@jp. xxx. com
∴	∴	∴	∴	∴	∴

FIG. 5

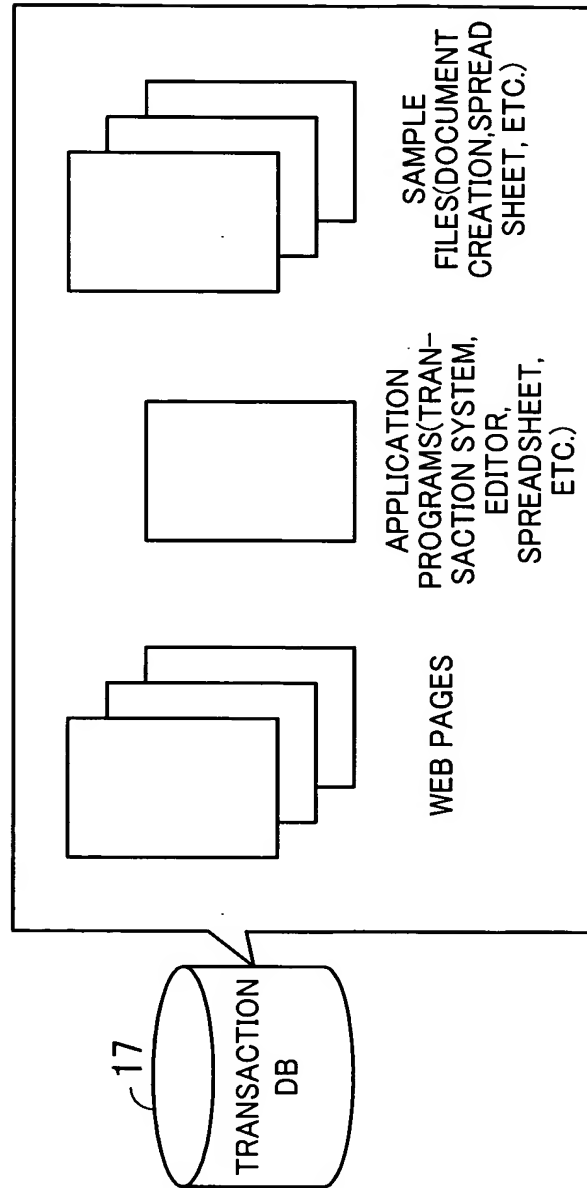


FIG. 6

18 TRANSACTION TREE LINK TB

HIERARCHY NO.	TYTLE	LINK DATA
1	GENERAL TRANSACTIONS	LINK 1
1-1	SOFTWARE SERVICES	LINK 1-1
1-2	SALES	LINK 1-2
1-2-1	PROPOSALS	LINK 1-2-1
1-3	DESIGNS	LINK 1-3
1-3-1	WEB CREATION	LINK 1-3-1
1-3-1-1	NotePad	FILE LOCATION 1
⋮	⋮	⋮

FIG. 7

19 TEACHING MATERIAL LINK TB

HIERARCHY NO.	TITLE	TEACHING MATERIAL CODE	EXTERNAL TEACHING MATERIAL	LINK DATA
1	0	...
1-1	0	...
1-2	0	...
...
1-2-1-1	HOW TO WRITE PROPOSAL	10002101	0	TEACHING MATERIAL LINK a
...
1-3-1	WEB CREATION	30003401	1	TEACHING MATERIAL LINK w
1-3-1-1	Notepad	30005702	1	TEACHING MATERIAL LINK n
1-3-1-1	WHAT IS HTML?	30003401	1	TEACHING MATERIAL LINK h
1-3-1-1	HTML/STYLE-SHEETS	30003402	1	TEACHING MATERIAL LINK s
:	:	:	:	:

FIG. 8

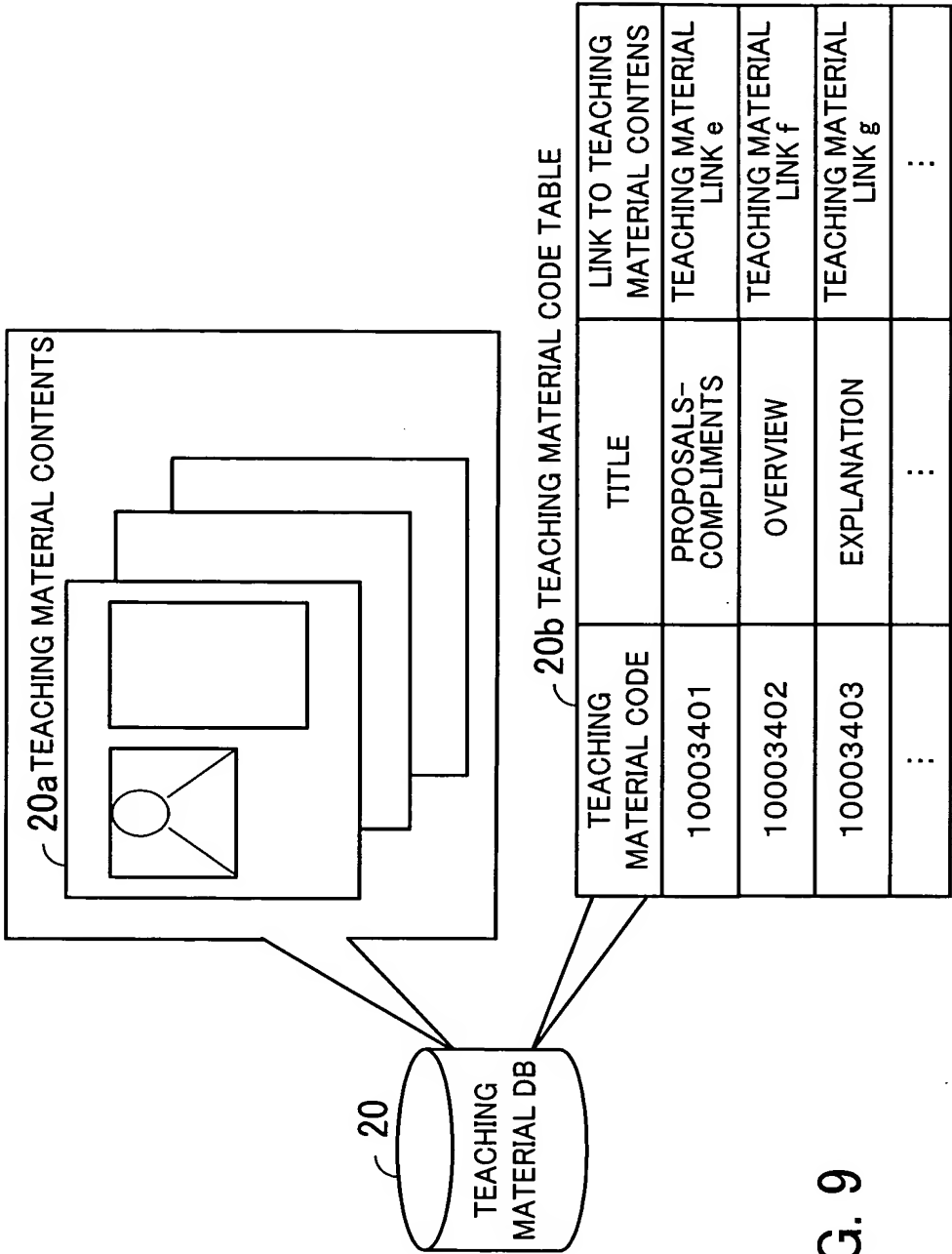


FIG. 9

21 WORK RECORD DB

USER CODE						
01111234						
HIERARCHY NO.	WORK NAME	START DATE & TIME	END DATE & TIME	NET WORKING TIME	WORK AMOUNT	UNIT
1-3-1	WEB CREATION	2002. 12. 15. 09:45	2002. 12. 15. 17:30	6:00	4	PAGE
...
1-3-1	WEB CREATION	2002. 02. 04. 09:45	2002. 02. 04. 17:30	3:00	3	PAGE
1-2-1-1	PROPOSAL CREATION	2002. 02. 05. 10:05	0	—	—	—
:	:	:	:	:	:	:

FIG. 10

22 LEARNING HISTORY DB

USER CODE	TEACHING MATERIAL CODE	EXTERNAL TEACHING CODE	HIERARCHY NO.	START DATE & TIME	END DATE & TIME	NET LEARNING TIME	COMPLETION FLAG
01111234							
	30003402	1	1-3-1	2003. 01. 31. 09:45	2003. 02. 03. 17:30	3:02	1
	10002101	0	1-2-1-1	2003. 02. 06. 10:05	0	—	0
	20004543	1	1-3-1-2	2003. 02. 04. 10:00	2003. 02. 05. 11:30	2:11	2
:	:	:	:	:	:	:	:

FIG. 11

23 LEARNING EFFECT LOG

USER CODE	TEACHING MATERIAL CODE	EXTERNAL TEACHING MATERIAL	HIERARCHY NO.	START DATE & TIME	END DATE & TIME	NET LEARNING TIME	...
01111234	30003402	1	1-3-1	2003.01.31.09.45	2003.02.03.17.30	3:02	...
01111254	10002101	0	1-2-1-1	2003.02.06.10.05	0	—	...
:	:	:	:	:	:	:	:

FIG. 12

23 LEARNING EFFECT LOG

USER CODE	...	WORK DATE & TIME BEFORE LEARNING	REQUIRED TIME BEFORE LEARNING	WORK AMOUNT BEFORE LEARNING	WORK DATE & TIME AFTER LEARNING	REQUIRED TIME AFTER LEARNING	WORK AMOUNT AFTER LEARNING	EFFECT
01111234	...	2002. 12. 15. 17:30	6:00	4	2003. 02. 04. 17:30	3:00	3	50%
01111254	...	2003. 02. 04. 10:05	—	—	0	—	—	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 13

24 FAILED TEACHING MATERIAL COUNT TB

USER CODE	COUNT OF TEACHING MATERIALS (EFFECT < FIXED VALUE)
XXXXXXXX	3
YYYYYYY	1
⋮	⋮

FIG. 14

25 TEACHING MATERIAL EFFECT TB

TEACHING MATERIAL ID CODE	NO. OF LEARNERS	TOTAL EFFECT OF ALL LEARNERS	AVERAGE EFFECT
10002101	10	50%	5%
30003402	30	360%	12%
:	:	:	:

FIG. 15

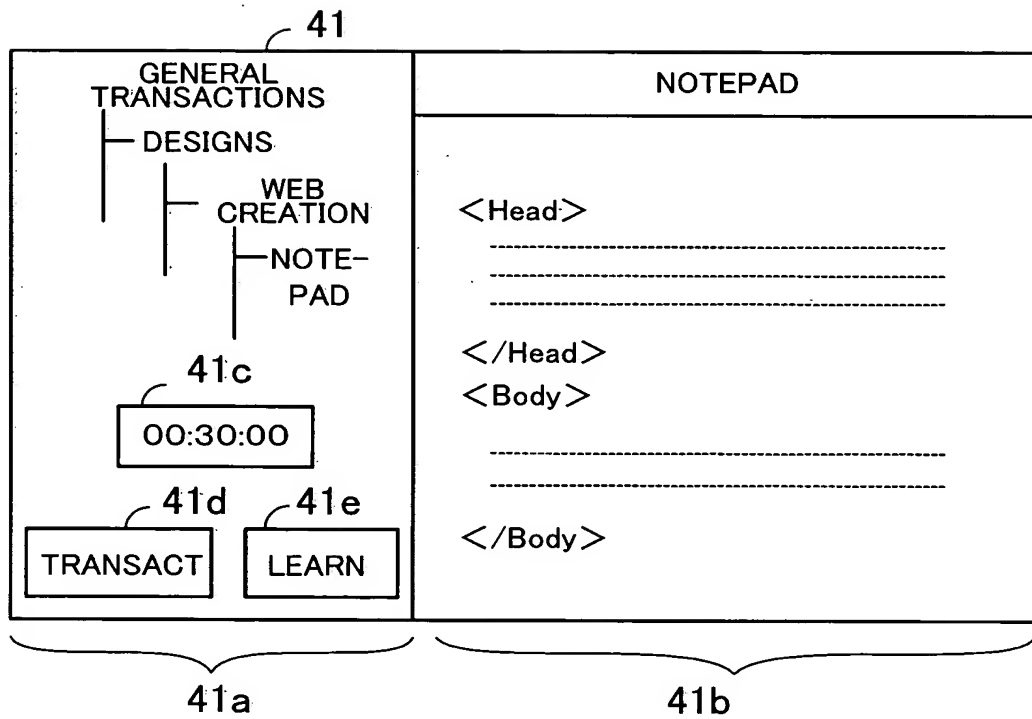


FIG. 16

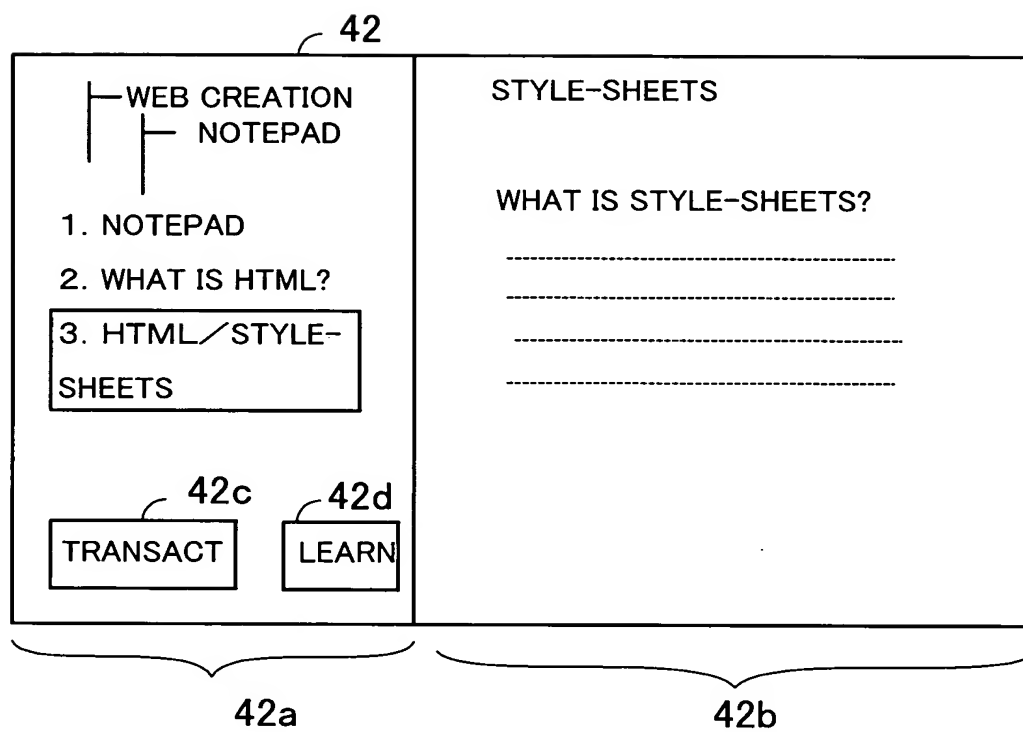


FIG. 17

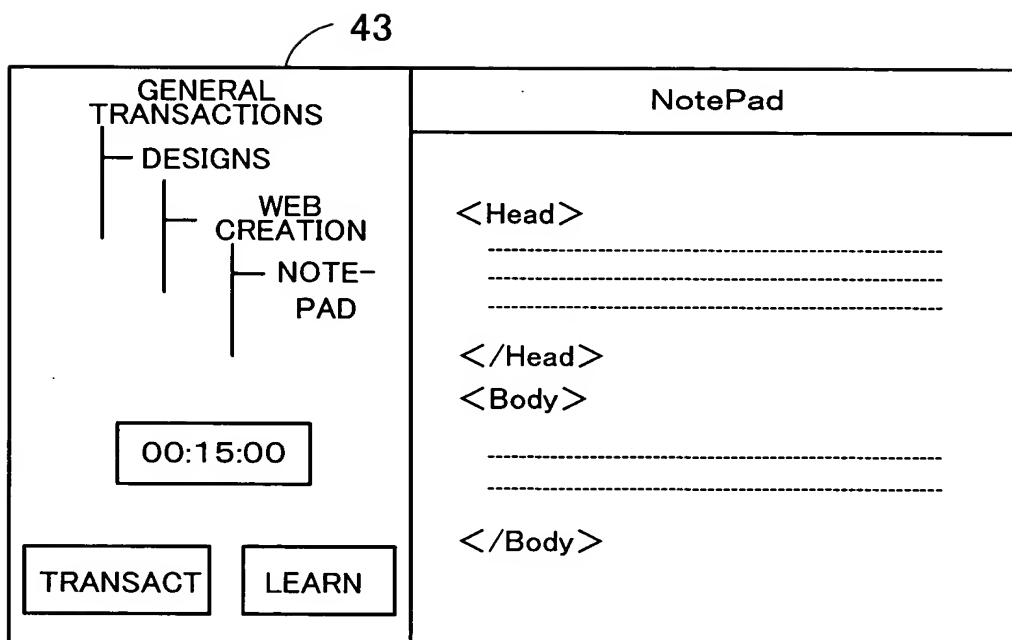


FIG. 18

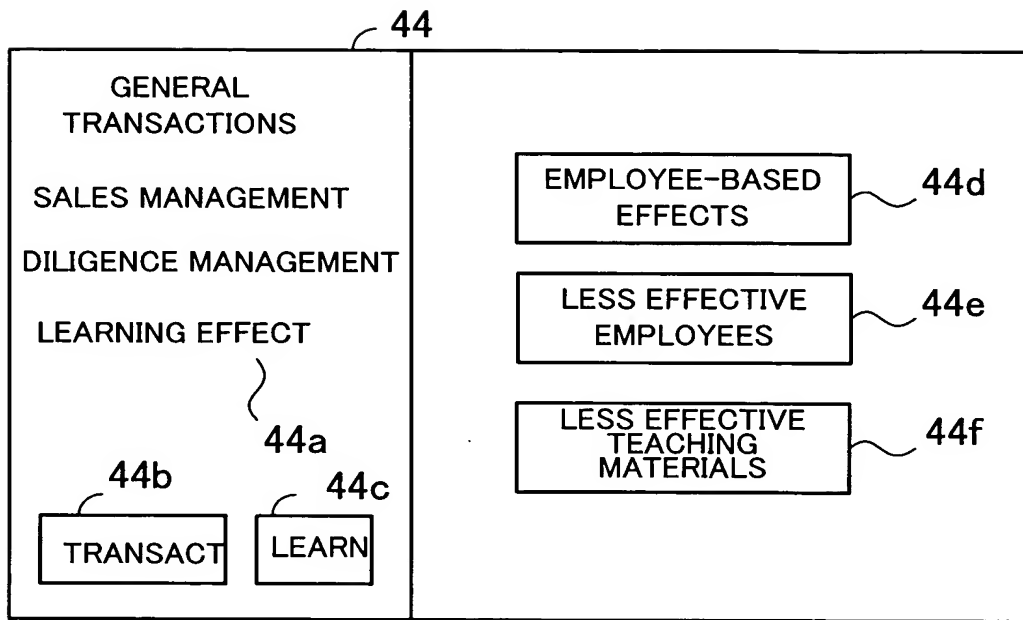


FIG. 19

LEARNING EFFECTS OF EMPLOYEE A					
NAME OF TEACHING MATERIALS	(DATE OF LEARNING)	WORK NAME	DATE OF WORK	WORK AMOUNT/H	EFFECT
1. PROPOSAL CREATION	(2002/10/03)	PROPOSALS	2002/09/01	0. 33	0%
			2002/10/05	0. 33	
2. HTML/STYLE- SHEETS	(2002/10/03)	WEB CREATION	2002/12/15	0. 66	50% ↑
			2003/02/14	1. 0	

FIG. 20

LESS EFFECTIVE EMPLOYEES				
NAME	USER CODE			
1. ΔΔΔΔΔ (XXXXXXX)				
NAME OF TEACHING MATERIAL		(DATE OF LEARNING)		EFFECT
① PROPOSAL CREATION		(2002/04/10)		0. 0%
② HOW TO RECEIVE COMPLAINTS		(2002/08/05)		2. 0%
③ HTML/STYLE-SHEETS		(2002/12/03)		5. 0%
2. OOOOO (YYYYYYY)				
NAME OF TEACHING MATERIALS		(DATE OF LEARNING)		EFFECT
① PROPOSAL CREATION		(2002/10/05)		5. 0%

FIG. 21

LESS EFFECTIVE TEACHING MATERIALS			
NAME OF TEACHING MATERIALS	NO. OF LEARNERS	AVERAGE EFFECT	
1. PROPOSAL CREATION	10	5%	
2. HTML/STYLE-SHEETS	30	12%	
.	.	.	
.	.	.	
.	.	.	

FIG. 22

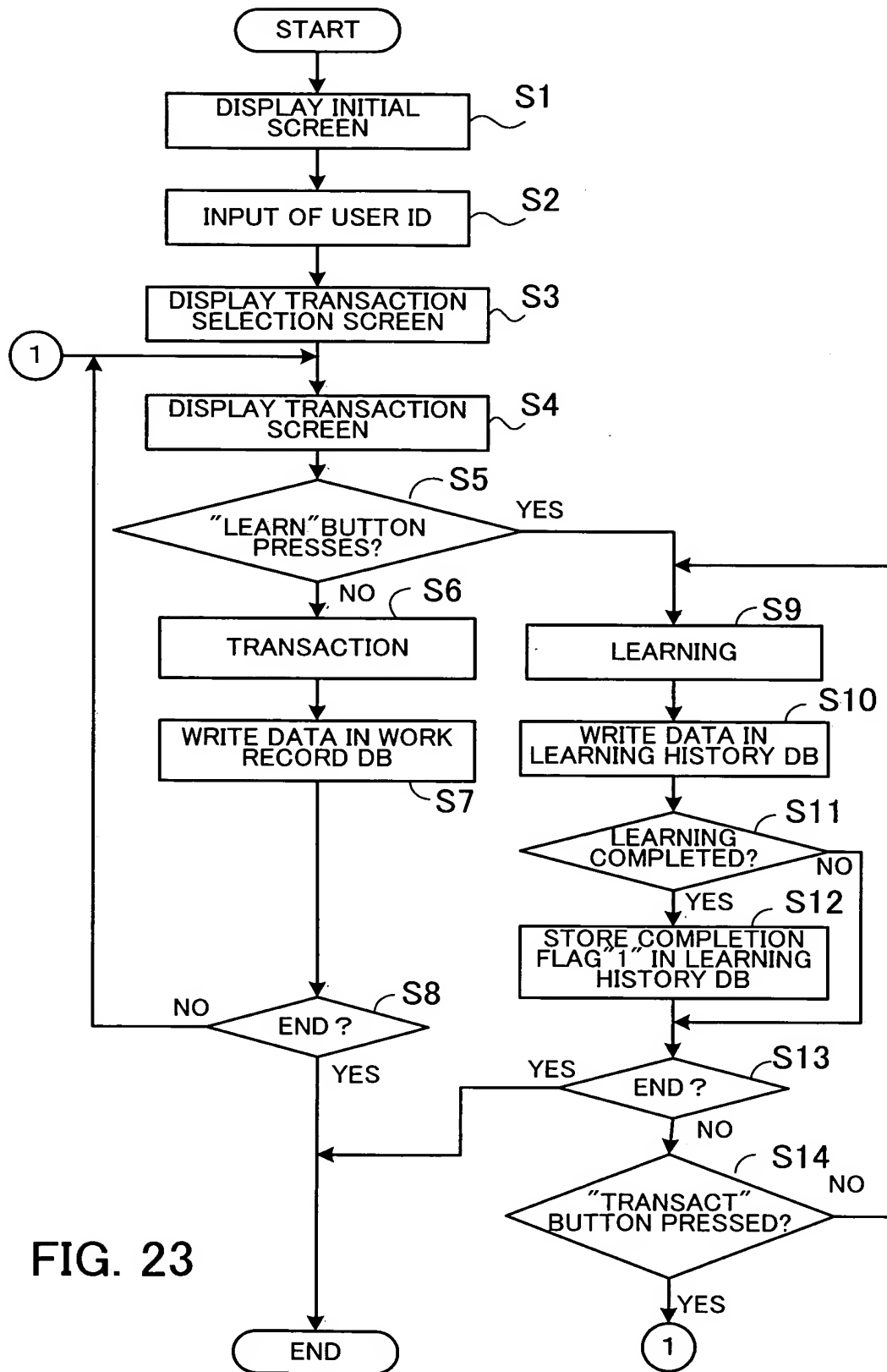


FIG. 23

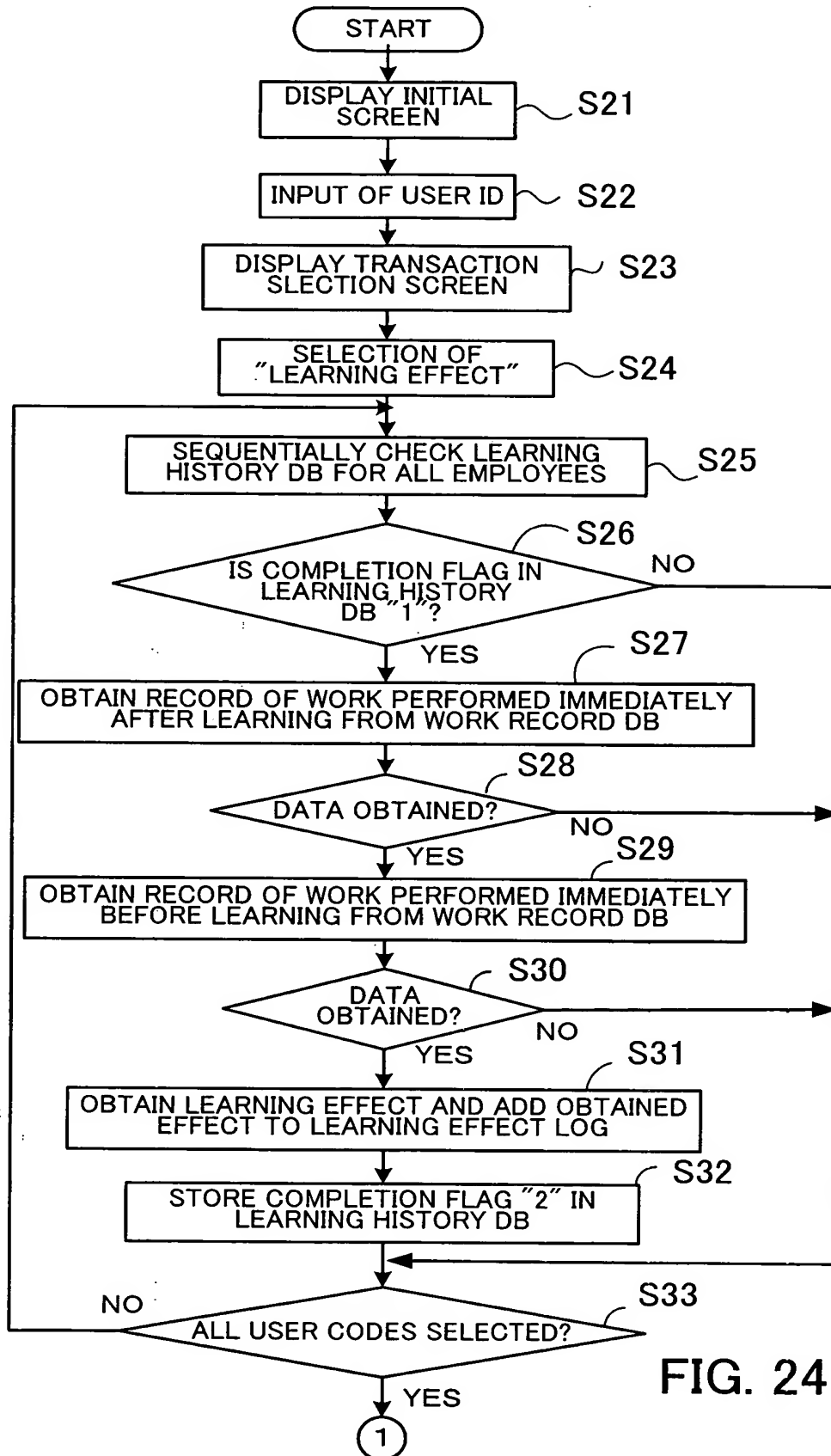


FIG. 24

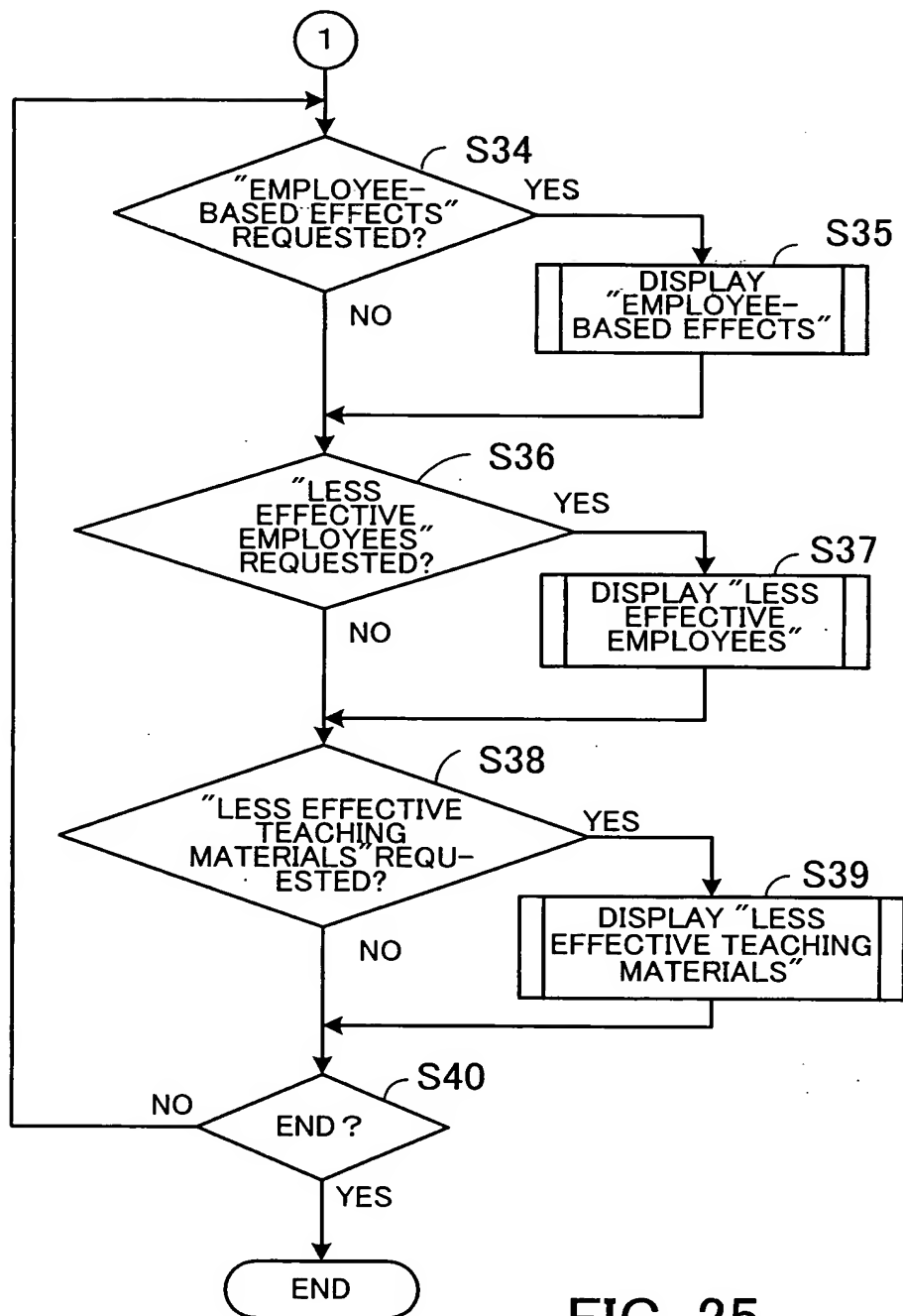


FIG. 25